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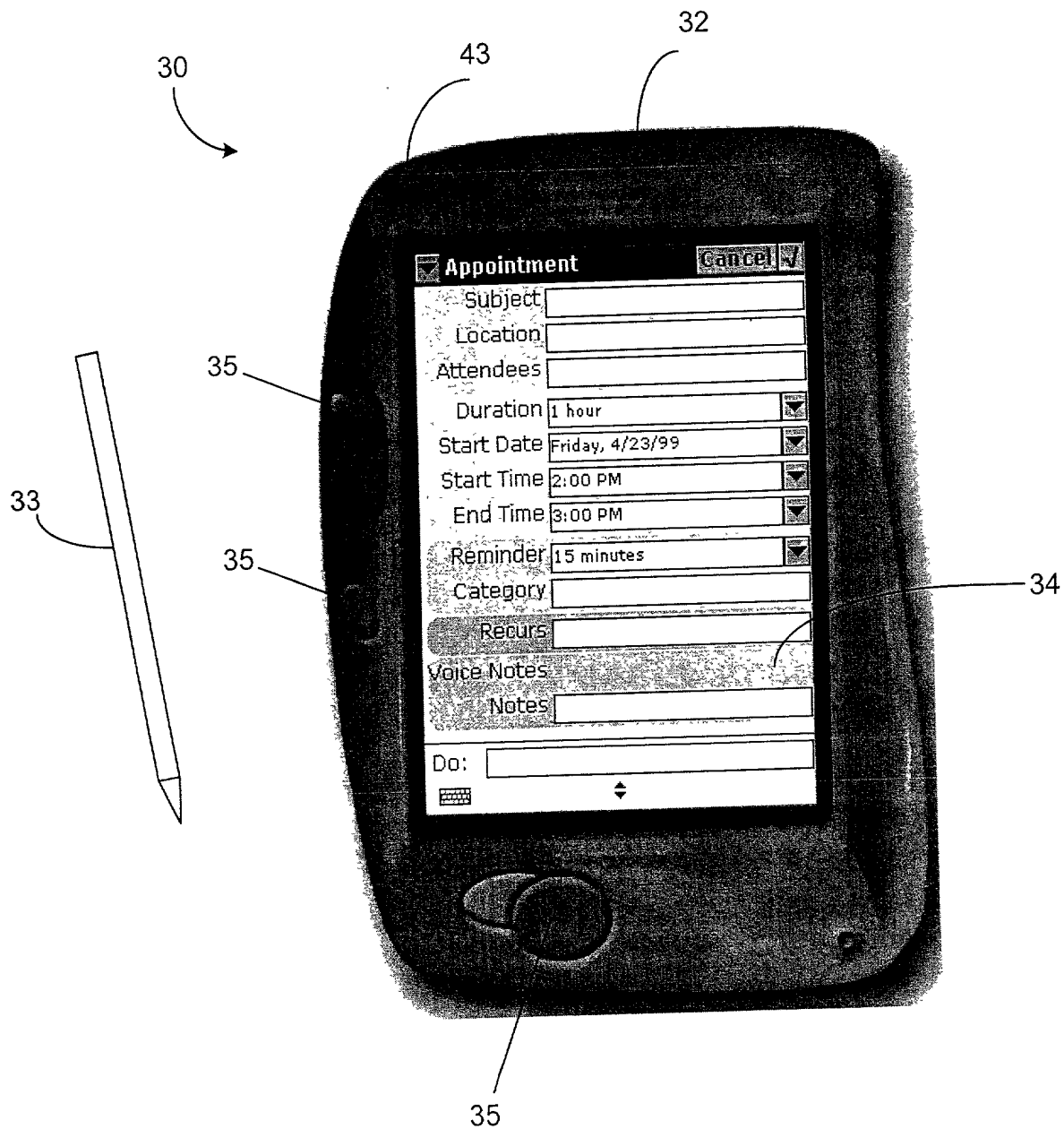


FIG. 1

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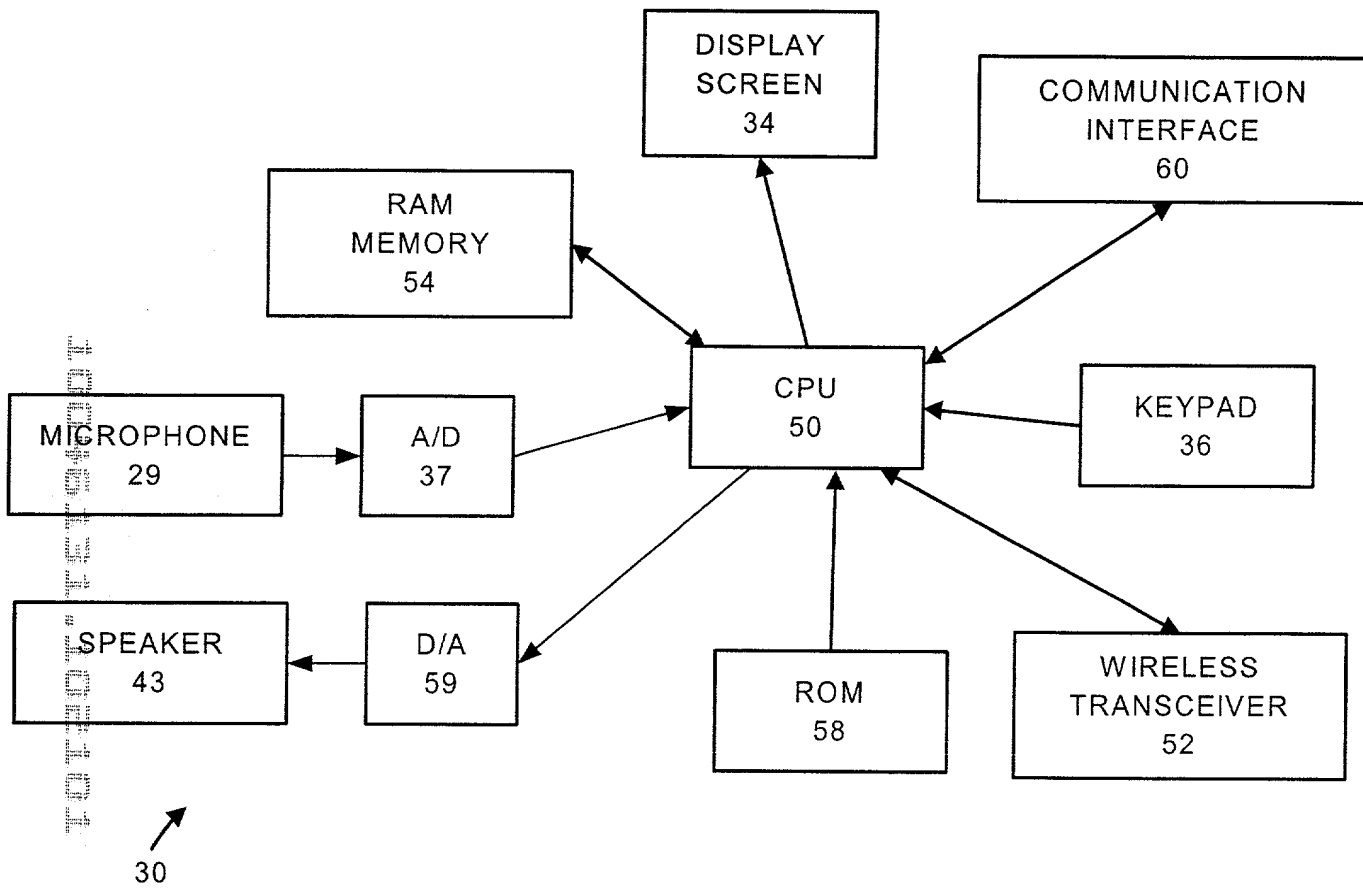


FIG.2

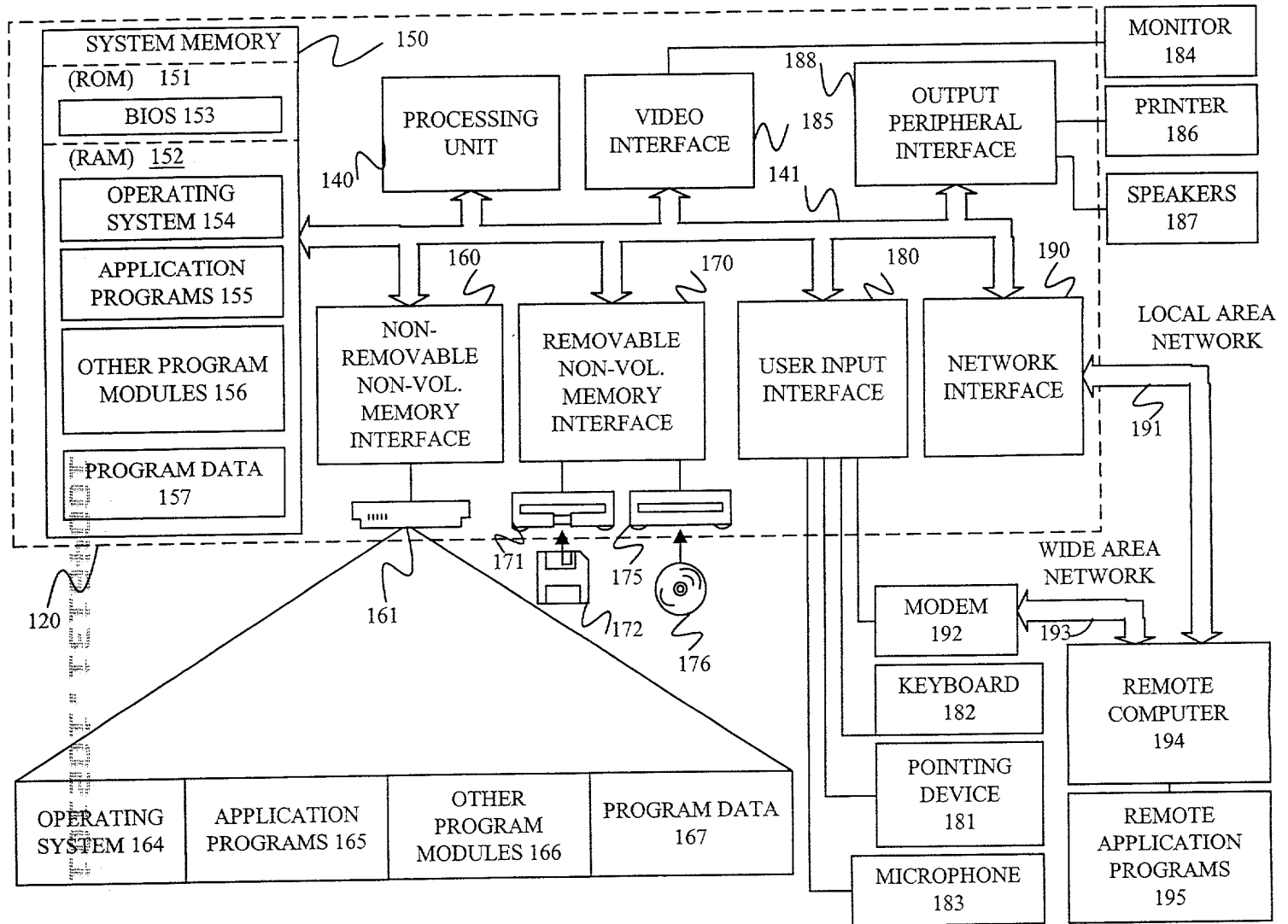


FIG. 3

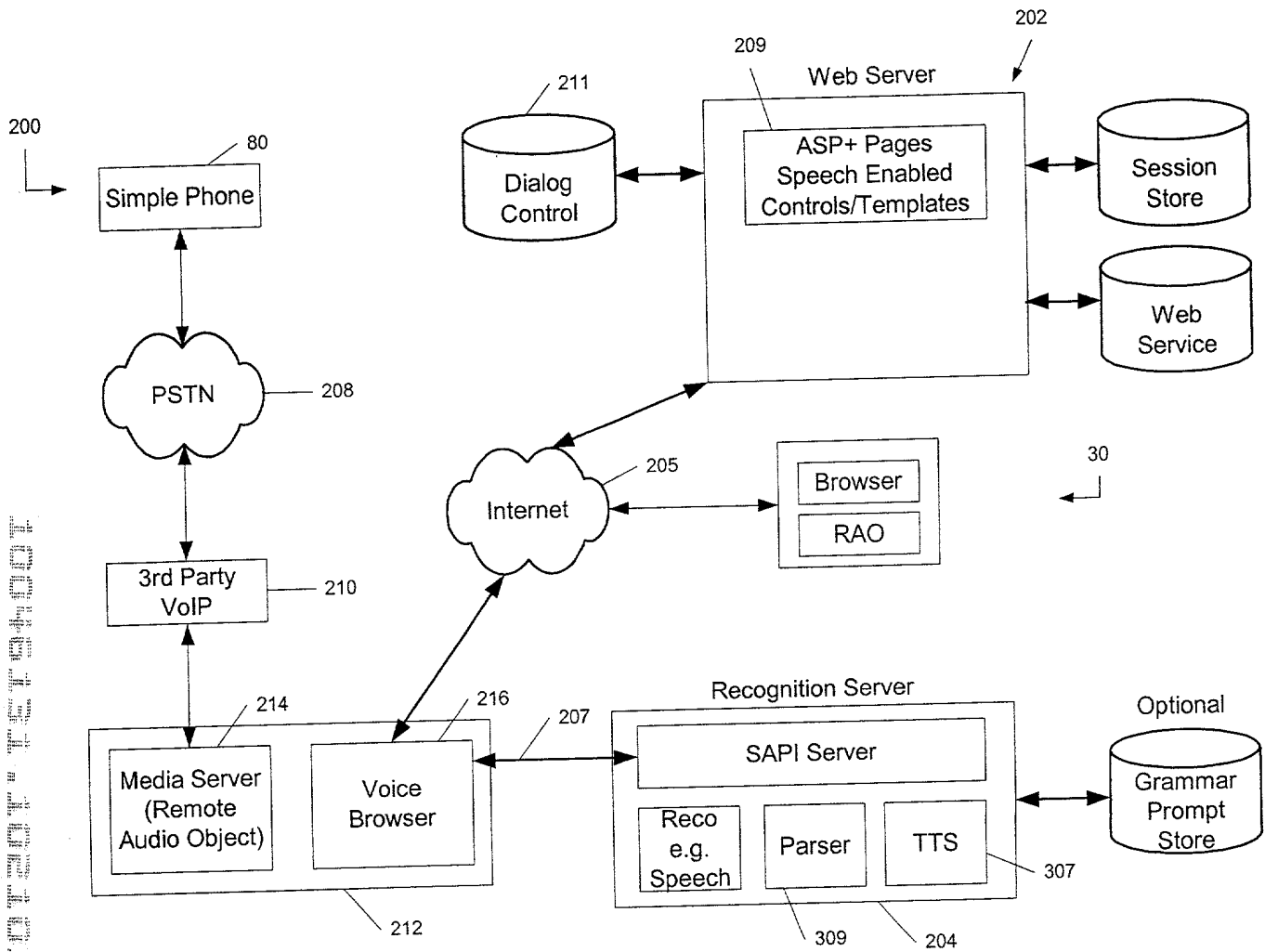


FIG. 4

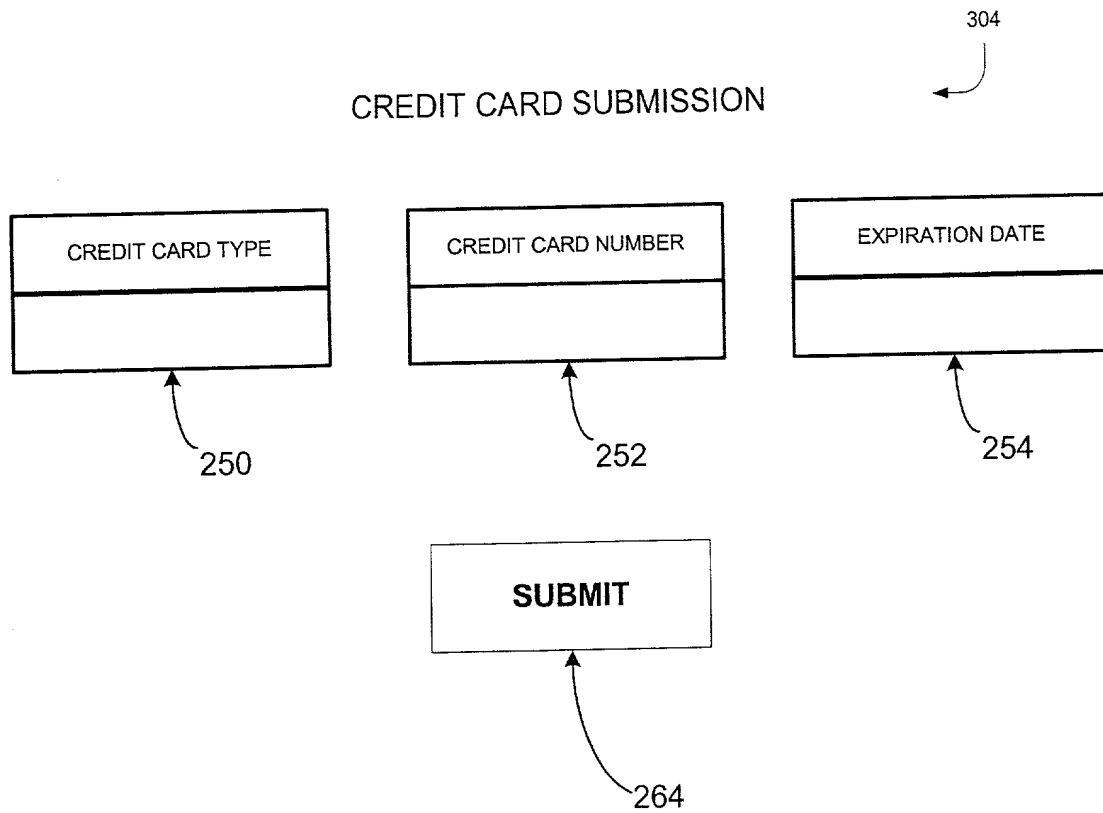


FIG. 5

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```

270 <html>
    <form id="get_card_info" method="post" action="http://payment.asp">
        <select name="card_type" onClick="talk(g_card_types)">
            <option value="amex">American Express </option>
            <option value="visa">Visa </option>
            <option value="ms">MasterCard </option>
        </select>
        <reco id="g_card_types" onReco ="handle()" >
            <grammar src=" ./gram#card_types " />
        </reco>
        <input type="text" name="card_num" width="30"
            onClick="talk(g_card_num)" />
        <reco id=" g_card_num " onReco ="handle()" >
            <grammar src=" ./gram#digits " />
        </reco>
        <input type="text" name="expiry_date"
            onClick="talk(g_expiry_date)" />
        <reco id="g_expiry_date " >
            <grammar src=" ./gram#dates " />
        </reco>
        <input type="submit" value="Submit" onClick="verify()" />
    </form>
    <script><![CDATA[
        function talk(gobj) {
            gobj.activate();
        }
        function handle() {
            if (get_card_info.card_num != null) {
                if (get_card_info.card_type.value == "amex") {
                    if (get_card_info.card_num.length != 15)
                        alert ("amex should have 15 digits");
                } else
                    if (get_card_info.card_num.length != 16)
                        alert ("visa and master should have 16 digits");
                }
            }
            function verify() {
                var flag = window.confirm("submit the credit card
                info?");
                if (flag) {
                    get_card_info.submit();
                }
            }
        }
    ]>
    </script>
</html>

```

270

280

282

284

272

FIG. 6

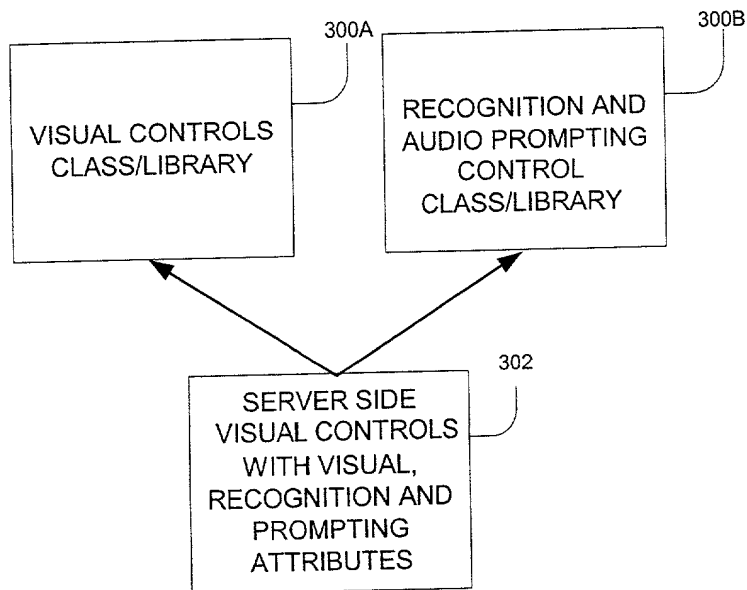


FIG. 7

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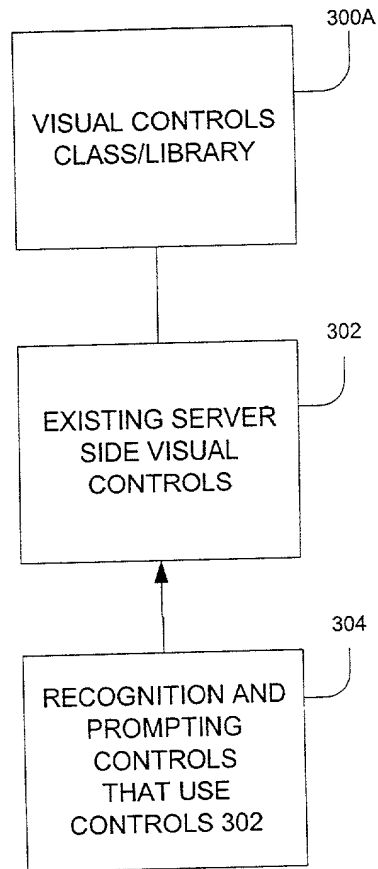


FIG. 8



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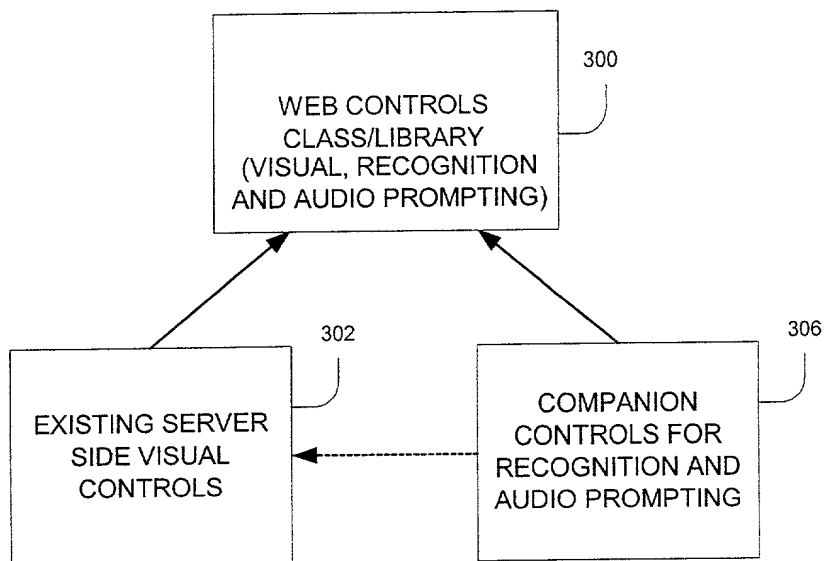


FIG. 9

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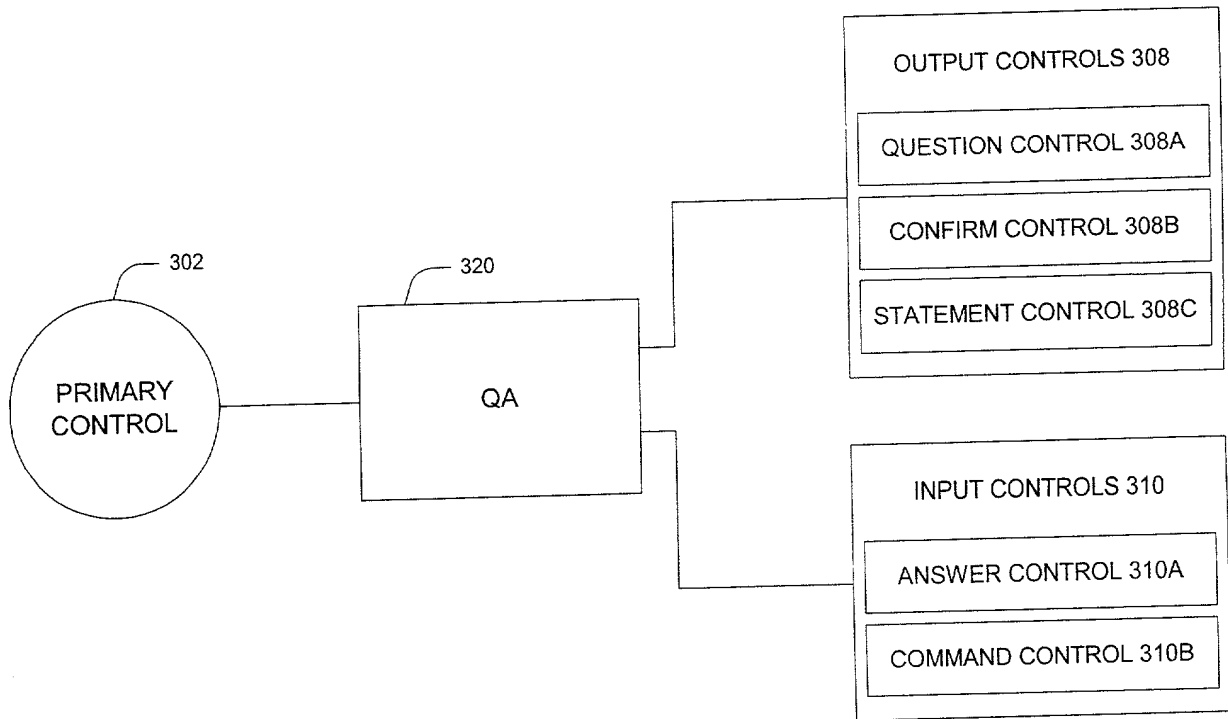


FIG. 10

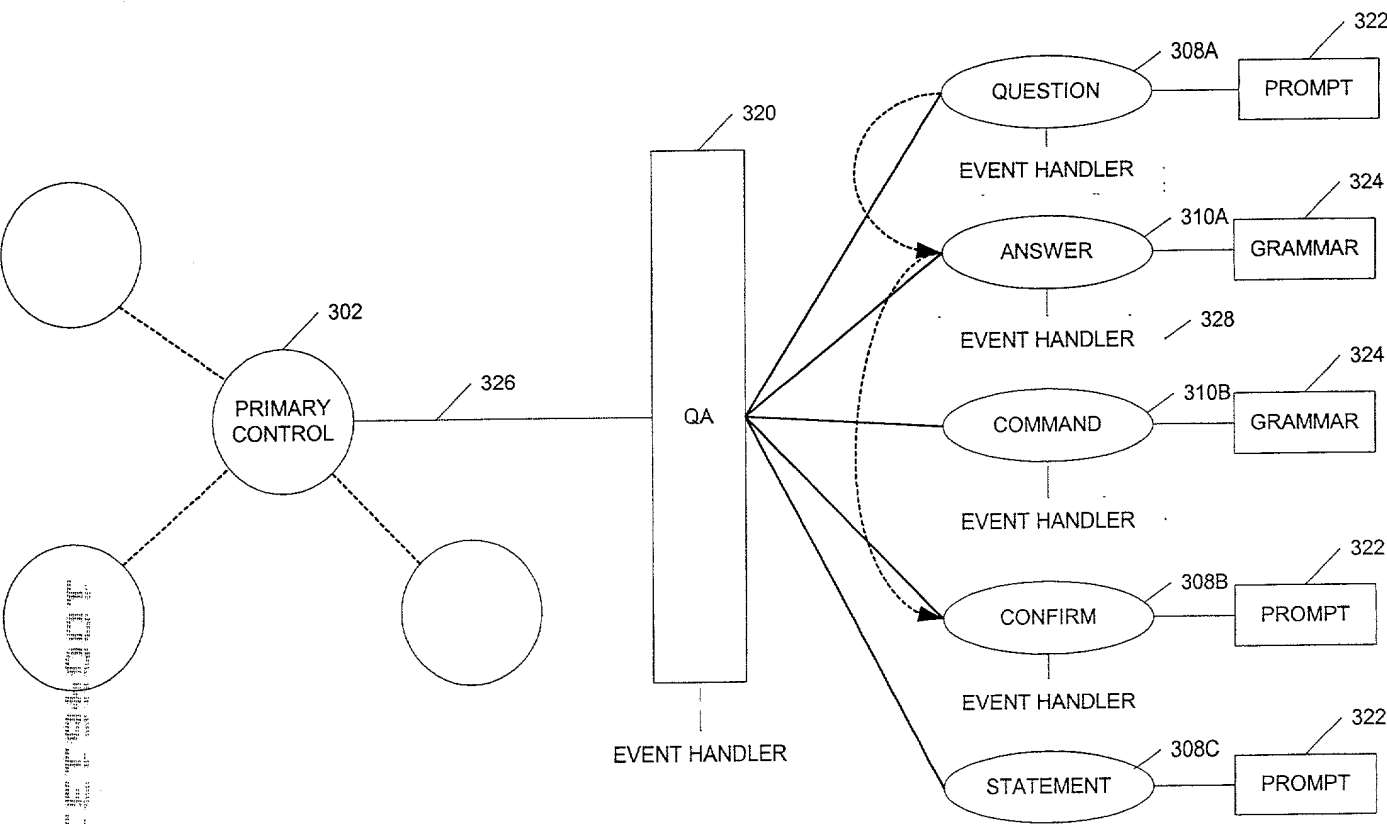


FIG. 11